



## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of: : Group Art Unit:  
Suyker et al. : Unknown

Application No.: : Examiner:  
10/805,714 : Not Yet Assigned

Filed: March 22, 2004 : Attorney Docket No.:  
For: Mechanical Anastomosis System for Hollow : DVME-03USDIV4  
Structures :  
:

**INFORMATION DISCLOSURE STATEMENT UNDER 37 C.F.R. §1.97**

MAILSTOP IDS  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

Pursuant to 37 C.F.R. §1.56 and 1.97(b)(1), Applicants bring to the attention of the Examiner the documents listed on the attached Substitute Form PTO 1449. These documents are listed on the attached Substitute Form PTO 1449. No fee is believed to be due in connection with this filing since this Information Disclosure Statement is being filed prior to issuance of a first Office Action.

However, if any fee is due, the Commissioner is authorized to charge Deposit Account No. 50-0462. Moreover, please credit any overpayment to Deposit Account No. 50-0462.

**CERTIFICATE OF MAILING UNDER 37 CFR 1.8**

Date: 29 April 2004

I hereby certify that this paper, along with any document or paper referred to as being attached or enclosed, is being sent in a pre-paid envelope first class mail to Mail Stop IDS, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Carla P. Nusseff  
Name of person sending correspondence

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Signature of person sending correspondence

Applicants respectfully request that the Examiner consider the listed documents and indicate that they were considered by making appropriate notations on the attached Substitute PTO 1449 form.

In addition, the applicants have the following co-pending patent applications to which the Examiner's attention is directed:

<u>U.S. Patent Application no.</u>	<u>Filing Date</u>
10/405,677	April 1, 2003
10/405,676	April 1, 2003
10/162,261	June 4, 2002
10/416,433	August 25, 2003
09/708,617	November 9, 2000

Please consider these co-pending applications during prosecution of the present application.

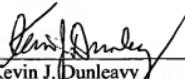
This submission does not represent that a search has been made (37 C.F.R. §1.97(g)) or that no better art exists and does not constitute an admission that each or all of the listed documents are material (37 C.F.R. §1.97(h)) or constitute "prior art". The filing of this information disclosure statement shall not be construed as an admission against interest in any matter. Notice of January 9, 1992, 1135 O.G. 13-25, at 25.

If the Examiner applies any document as prior art against any claims in the application and Applicant determined that the cited document does not constitute "prior art" under United States law, Applicants reserve the right to present to the Patent Office the relevant facts and law regarding the appropriate status of such document.

Applicants further reserve the right to take appropriate action to establish the patentability of the disclosed invention over the listed document, should one the document be applied against the claims of the present application.

Respectfully submitted,

Date: 4/29/2004

  
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## Page 1 (U.S. Patents)

U.S. App. No.: 10/805,714

Filed: March 22, 2004

Group: Unknown

Applicant: Suyker et al.

Docket No.: DVME-3USDIV4

Examiner Initial	Item No.	Document No.	Date	Name	Class	Subclass
1US	1,251,258		Dec-17	Magill		
2US	1,756,670		30-Apr	Treat		
3US	1,916,890		Jul-93	Bacon		
4US	2,434,030		Jan-48	Yeomans		
5US	2,453,056		Nov-48	Zack		
6US	2,707,783		May-55	Sullivan		
7US	3,040,748		Jun-62	Klein, et al.		
8US	3,080,564		Mar-63	Strekopilov, et al.		
9US	3,193,165		Jul-65	Akhalya, et al.		
10US	3,217,557		Nov-65	Martinot		
11US	3,252,643		May-66	Strekopilov, et al.		
12US	3,254,650		Jun-66	Collito		
13US	3,254,651		Jun-66	Collito		
14US	3,269,630		Aug-66	Fleisher		
15US	3,388,847		Jun-68	Kasulin, et al.		
16US	3,452,615		Jul-69	Gregory		
17US	3,494,533		Feb-70	Green, et al.		
18US	3,519,187		Jul-70	Kapitanov		
19US	3,552,626		Jan-71	Astafieva, et al.		
20US	3,570,497		Mar-71	Lemoine		
21US	3,589,588		Jun-71	Akopov		
22US	3,593,903		Jul-71	Astafieva, et al.		
23US	3,638,652		Feb-72	Kelley		
24US	3,692,224		Sep-72	Astafieva, et al.		
25US	3,774,615		Nov-73	Lim, et al.		
26US	3,805,793		Apr-74	Wright		
27US	3,908,662		Sep-75	Razgulov, et al.		
28US	4,078,182		Feb-78	Kapitanov, et al.		
29US	4,140,126		2/20/79	Choudhury		
30US	4,166,466		Sep-79	Jarvik		
31US	4,233,981		11/18/80	Schomacher		
32US	4,304,236		Dec-81	Conta, et al.		
33US	4,319,576		Mar-82	Rothfuss		
34US	4,325,376		Apr-82	Klierman, et al.		
35US	4,350,160		Sep-82	Koslesov, et al.		
36US	4,352,358		Oct-82	Angelchik		
37US	4,366,819		Jan-83	Kaster		
38US	4,466,436		Aug-84	Lee		
39US	4,523,592		Jun-85	Daniel		
40US	4,553,542		Nov-85	Schenck, et al.		
41US	4,573,468		Mar-86	Conta, et al.		
42US	4,576,167		Mar-86	Noilles		
43US	4,586,503		May-86	Kirsch, et al.		
44US	4,592,354		May-86	Rothfuss		
45US	4,593,693		Jun-86	Schenck		
46US	4,603,693		Aug-86	Conta, et al.		
47US	4,607,637		Aug-86	Berggren, et al.		

EXAMINER: /Phong Son Dang/

DATE CONSIDERED:

02/04/2009

ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /S.D./

Examiner Initial	Item No.	Document No.	Date	Name	Class	Subclass
48US	4,624,255		Nov-86	Schenck, et al.		
49US	4,624,257		Nov-86	Berggren, et al.		
50US	4,645,745		Mar-87	Noles		
51US	4,657,019		Apr-87	Walsh, et al.		
52US	4,665,906		May-87	Jervis		
53US	4,703,887		Nov-87	Clanton, et al.		
54US	4,747,407		May-98	Liu, et al.		
55US	4,800,882		Jan-89	Gianturco		
56US	4,907,591		Mar-90	Vasconcellos, et al.		
57US	4,917,087		Apr-90	Walsh, et al.		
58US	4,917,090		Apr-90	Berggren, et al.		
59US	4,917,091		Apr-90	Berggren, et al.		
60US	4,957,498		Sep-90	Lipatov, et al.		
61US	5,064,435		11/12/91	Potter		
62US	5,102,417		Apr-92	Palma		
63US	5,119,983		Jun-92	Green, et al.		
64US	5,188,338		2/23/93	Tzakis		
65US	5,197,649		Mar-93	Bessler, et al.		
66US	5,234,456		Aug-93	Silvestrini		
67US	5,242,457		Sep-93	Akopov, et al.		
68US	5,250,058		10/5/93	Miller, et al.		
69US	5,258,042		Nov-93	Mehla		
70US	5,271,543		Dec-93	Grant, et al.		
71US	5,292,053		Mar-94	Bilotti, et al.		
72US	5,304,220		Apr-94	Maginot		
73US	5,324,447		Jun-94	Lam, et al.		
74US	5,330,503		Jul-94	Yoon		
75US	5,333,773		Aug-94	Mann, et al.		
76US	5,336,233		Aug-94	Chen		
77US	5,348,259		Sep-94	Blanco, et al.		
78US	5,366,462		Nov-94	Kaster, et al.		
79US	5,366,473		Nov-94	Winston, et al.		
80US	5,395,030		Mar-95	Kuramoto, et al.		
81US	5,403,333		Apr-95	Kaster, et al.		
82US	5,456,714		10/10/95	Owen		
83US	5,478,354		Dec-95	Tovey, et al.		
84US	5,489,295		2/6/96	Piplani, et al.		
85US	5,522,834		Jun-96	Forger, et al.		
86US	5,549,619		Aug-96	Peters, et al.		
87US	5,554,162		Sep-96	DeLange		
88US	5,562,728		10/8/96	lazarus, et al.		
89US	5,620,452		Apr-97	Yoon		
90US	5,634,936		Jun-97	Linden, et al.		
91US	5,709,335		Jan-98	Heck		
92US	5,720,776		2/24/98	Chuter, et al.		
93US	5,732,872		3/31/98	Bolduc		
94US	5,755,775		5/26/98	Trerotola, et al.		

Examiner Initial	Item No.	Document No.	Date	Name	Class	Subclass
95US	5,755,777		5/26/98	Chuter		
96US	5,843,164		12/1/98	Frantzen et al.		
97US	5,843,170		12/1/98	Aho		
98US	5,868,760		Feb-99	McGuckinns et al.		
99US	5,879,360		Mar-99	Kalman et al.		
100US	5,881,943		Mar-99	Heck et al.		
101US	5,904,697		May-99	Gifford, III et al.		
102US	5,906,607		May-99	Taylor et al		
103US	5,927,284		Jul-99	Borst et al.		
104US	6,015,378		Jan-00	Borst et al.		
105US	6,019,722		Feb-00	Spence et al.		
106US	6,032,672		Mar-00	Taylor		
107US	6,051,007		Apr-00	Hogendijk et al.		
108US	6,063,021		May-00	Hossain et al.		
109US	6,071,235		Jun-00	Furnish et al.		
110US	6,080,175		Jun-00	Hogendijk		
111US	6,095,997		Aug-00	French et al.		
112US	6,110,187		Aug-00	Doolan		
113US	6,110,188		Aug-00	Narciso, Jr.		
114US	6,113,588		Sep-00	Duhaylongsod et al.		
115US	6,138,492		Oct-00	Vierra et al.		
116US	6,152,937		Nov-00	Peterson et al.		
117US	6,165,196		Dec-00	Stack et al.		
118US	6,176,864		Jan-01	Chapman		
119US	6,190,353		Feb-01	Makower et al.		
120US	6,193,734		Feb-01	Bolduc et al.		
121US	6,241,741		Jun-04	Duhaylongsod et al.		
122US	6,616,675		Sep-03	Evard et al.		
123US	6,702,829		Mar-04	Bachinski et al.		
124US	D440,304 S		Apr-04	Morales		
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/Phong Son Dang/

02/04/2009

DATE CONSIDERED:

ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /S.D./

FORM PTO-1449 Modified  
Documents Cited by Applicant

Examiner Initial	Item No.	Foreign Patent Document No.	Date	Country	Translation (Yes/No)
	1F	0 119 688	Sep-84	EP	
	2F	137685	Apr-95	EP	
	3F	0 384 647	29/08/90	EP	
	4F	0419 660	3/4/91	EP	
	5F	0 637 454	2/8/95	EP	Yes
	6F	0 689 806	Jan-96	EP	
	7F	0 712 614	5/22/96	EP	
	8F	1518083	12/2/68	FR	Yes
	9F	935,490	9/19/59	GB	
	10F	2108418	May-86	GB	
	11F	2038692	Jul-80	GB	
	12F	7711347	Apr-79	NL	
	13F	995765	Feb-83	SU	
	14F	1097301	Jun-84	SU	
	15F	96/10375	Apr-96	WO	
	16F	96/14808	5/23/96	WO	
	17F	98/02099	1/22/98	WO	
	18F	00/53104	9/14/00	WO	
	19F	00/74579	12/14/00	WO	
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EXAMINER:

DATE CONSIDERED:

02/04/2009

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FORM PTO-1449 Modified

List of Patents and Publications Cited by Applicant  
U.S. Patent Trademark Office

Examiner Initial	Item No.	Other Documents (Including Author, Title, Date, Location and Pertinent Pages)
100D		Androsov, "New Method of Surgical Treatment of Blood Vessel Lesions," Arch. Surg. 1956;73:262-265.
200D		Berggren et al., "Clinical Experience with UNILINK 3M Precise Microvascular Anastomotic Device," Scand J Plast Reconstr Hand Surg. 1993;27:35-39.
300D		CALAFIORE, A.M., "Early Clinical Experience With a New Sutureless Anastomotic Device for Proximal Anastomosis of the Saphenous Vein to the Aorta," The Journal of Thoracic and Cardiovascular Surgery, Vol. 121, No. 5, pp. 854-8, May 2001.
400D		Cooper et al., "Development of the Surgical Stapler with Emphasis on Vascular Anastomosis," NY Acad. Sci, 1963;25:365-377.
500D		Eckstein, F.S., et al., "Sutureless Mechanical Anastomosis of a Saphenous Vein Graft to a Coronary Artery With a New Connector Device," The Journal of Thoracic and Cardiovascular Surgery, 1992;103:27-34, March 24, 1992.
600D		Gentili et al., "A Technique for Rapid Non-suture Vascular Anastomosis," Can J Neuro Sci, 1987;14(1):92-95.
700D		Goetz et al., "Internal Mammary-coronary Artery Anastomosis: A Nonsuture Method Employing Tantalum Rings," J Thorac Card Surg. 1981;81(4):378-386.
800D		Gottlob et al., "Anastomoses of Small Arteries and Veins by Means of Bushings and Adhesive," J Card Surg, 1968;9:337-341.
900D		Guyton et al., "A Mechanical Device for Sutureless Aorta-Saphenous Vein Anastomosis," Ann Thorac Surg, 1979;28:342-345.
100D		Holt et al., "A New Method for Microvascular Anastomosis: Report of Experimental and Clinical Research," The American Surgeon, 1962;58(10):722-727.
110D		Holt et al., "A New Technique for End-to-end Anastomosis of Small Arteries," Surg Forum, 1960;11:242.
120D		Inokuchi, "A New Type of Vessel-suturing Apparatus," AMA Arch Surg, 1958;77:954-957.
130D		Inokuchi, "Stapling Device for End-to-side Anastomosis of Blood Vessels," Arch Surg, 1961;82:27-31.
140D		Kirsch et al., "A New Method for Microvascular Anastomosis: Report of Experimental and Clinical Research," American Surgeon, 1962;58:722-727.
150D		Schumacker et al., "A New Technique for End-to-end Anastomosis of Small Arteries," Surgical Forum, 1960;11:242-243.
160D		Lanzetta et al., "Long-term Results of 1 Millimeter Arterial Anastomosis Using the 3M Precise Microvascular Anastomotic System," Microsurgery, 1992;13:313-320.
170D		Li et al., "End-to-side anastomosis in the Dog Using the 3M Precise Microvascular Anastomotic System: A Comparative Study," J Reconstruct Microsurg. 1991;7(4):345-350.
180D		Miller, "The Russian Stapling Device," Acad Sci, 1963;25:378-381.
190D		Nakayama et al., "A Simple New Apparatus for Small Vessel Anastomosis (free autograft of the sigmoid included)," Surgery, 1969;57(3):349-354.
200D		Narier et al., "An Experimental Method for Nonsuture Anastomosis of the Aorta," Surg Gyn & Obs, 1964;632-361.
210D		Nazari et al., "Expandable Prosthesis for Sutureless Anastomosis in Thoracic Aorta Prosthetic Substitution," European Journal of Cardiothoracic Surgery, Vol. 10, No. 11, 1996, no.1003-1009.
220D		Olearchyk, "Vassili I. Kolesov-A Pioneer of Coronary Revascularization by Internal Mammary-coronary Artery Grafting," J Thorac Surg. 1988;95(1):13-18.
230D		Ragnarsson et al., "Arterial End-to-side Anastomosis with the UNILINK System," Ann Plastic Surg, 1989;22(3):405-415.
240D		Ragnarsson et al., "Microvenous End-to-side Anastomosis: An experimental Study Comparing the UNILINK System and Sutures," J Reconstruct Microsurg. 1989;5(3):217-224.
250D		Rohman et al., Chapter IX-Cardiovascular Technique, "Double Coronary Artery-internal Mammary Artery Anastomoses, Tantalum Ring Technique," Surg Forum, 1960;11:263-243.
260D		J. Rosch et al., "Modified Gianturco Expandable Wire Stents in Experimental and Clinical Use," Annals of Radiology, 1998, 31, 2, pp. 100-104.
270D		Vogelfanger et al., "A Concept of Automation in Vascular Surgery: A Preliminary Report on a Mechanical Instrument for Arterial Anastomosis," Can J Surg. 1958;58:262-265.